

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5350	(381/26,74,55-59,1,17,60,96,300).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/22 08:57
S4	1	("4631962").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:15
S5	0	koshisawa.in. and dummy same microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:16
S6	2	koshikawa.in. and dummy same microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:20
S7	3	okamura.in. and dummy same microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:30
S8	3	pioneer.AS. and (automobile same acoustic same characteristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:31
S9	2	yoshimi.in. and (automobile same acoustic same characteristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:41
S10	1	("4739513").PN.	USPAT	OR	OFF	2007/03/27 10:42
S11	0	EP-165733-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:43
S12	0	EP-0165733-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:43
S13	101	pioneer.AS. and (acoustic near5 characteristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 11:42
S14	110	suzuki.in. and (acoustic near5 characteristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:48
S15	4	geiger.in. and acoustic\$2 same transfer same impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/15 10:02

S16	3	glandier.in. and acoustic\$2 same transfer same impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:50
S17	3	helber.in. and acoustic\$2 same transfer same impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/28 14:15
S18	1	"Bruel & Kjaer" and acoustic\$2 same transfer same impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:51
S19	171	"Bruel & Kjaer" and acoustic\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 10:51
S20	15	"Bruel & Kjaer" and (acoustic\$2 near3 velocity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 11:21
S21	84	"381"/\$.ccls. and (dummy) with (mannequin head) with (\$4speak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/28 14:19
S22	31	"381"/\$.ccls. and (dummy) near3 (mannequin head) near3 (\$4speak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 11:29
S23	1	"381"/\$.ccls. and (dummy) near3 (mannequin head) near2 (having including comprising) near2 (\$4speak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 18:49
S24	2	"381"/\$.ccls. and (dummy) near2 (having including comprising) near2 (\$4speak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 11:30
S25	2	"381"/\$.ccls. and (dummy) near4 (having including comprising) near4 (\$4speak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/28 14:06
S26	3	"381"/56-59,96,103.ccls. and (determin\$4 with acoustic\$2 with transfer with impedance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 11:39
S27	11	pioneer.AS. and (acoustic near5 characteristic) and impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 11:42
S28	31	("4739513").URPN.	USPAT	OR	OFF	2007/03/27 11:52
S29	11	"381"/\$.ccls. and ((dummy) with head) same torso same (\$4speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 18:51
S30	0	"381"/\$.ccls. and (dummy) same (4speaker near4 (neck torso body))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 18:52

S31	0	"381"/\$.ccls. and (4speaker near4 (neck torso body))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 18:54
S32	0	(4speaker near4 (neck torso body))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 18:52
S33	0	(4speaker with (neck torso body))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 18:52
S34	47	"381"/\$.ccls. and (acoustic\$2 near3 velocity) same \$4speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 18:56
S35	3	"381"/\$.ccls. and (acoustic\$2 adj2 volume adj2 velocity) same \$4speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 18:57
S36	14	"381"/\$.ccls. and (acoustic\$2 adj2 volume adj2 velocity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 18:57
S37	14	"381"/\$.ccls. and (dummy) same torso	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/28 14:06
S38	1	helber.in. and (acoustic\$2 same transfer same impedance) and vibration and velocity and acceleration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/28 14:16
S39	16	"381"/\$.ccls. and ((dummy) with (mannequin head) with (\$4speak\$3)) and (vibrat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/28 14:32
S40	33	"381"/\$.ccls. and ((dummy) with (mannequin head) with (\$4speak\$3)) and (valve switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/15 10:18
S41	1	"381"/\$.ccls. and ((dummy) with (mannequin head) with (\$4speak\$3)) and (vibration near2 velocity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/28 14:40
S42	1	geiger.in. and (acoustic\$2 same transfer same impedance) and (sound same field same human)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/15 10:06
S43	1	geiger.in. and (acoustic\$2 same transfer same impedance) and (sound same field same human) and orifice	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/15 10:12
S44	1	("4631962").PN.	USPAT	OR	OFF	2007/11/15 10:12
S45	86	"381"/\$.ccls. and ((dummy) with (mannequin head) with (\$4speak\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 16:28

S46	42	"381"/\$.ccls. and ((dummy) near4 (mannequin head) near4 (\$4speak\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/15 10:19
S47	865	(381/17).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/15 11:10
S48	2577	(381/17,1,26,96,300).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/26 11:19
S49	159	S48 and (dummy) near3 (mannequin head)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/15 11:15
S50	18	S48 and (dummy) near3 (mannequin head) near3 (\$4speak\$2 transducer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/15 11:15
S51	2	("4631962").URPN.	USPAT	OR	OFF	2007/11/15 11:16
S52	89	"381"/\$.ccls. and ((dummy) with (mannequin head) with (\$4speak\$3 transducer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 16:30
S53	1	"381"/\$.ccls. and (dummy adj3 (mannequin head)) near3 (includ\$3 compris\$3) near3 (\$4speak\$3 transducer\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:20
S54	2057	(381/1,17,300,307).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:29
S55	1	"381"/\$.ccls. and (dummy near3 (includ\$3 compris\$3) near3 (\$4speak\$3 transducer \$1)) same microphone\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:21
S56	3352	((dummy mannequin head) near3 (includ\$3 compris\$3) near3 (\$4speak\$3 transducer \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:21
S57	34	((dummy mannequin) near3 (includ\$3 compris\$3) near3 (\$4speak\$3 transducer \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:23
S58	48	"381"/\$.ccls. and ((dummy mannequin) near3 (\$4speak\$3 transducer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:24
S59	31	"381"/\$.ccls. and ((dummy adj2 head) KEMAR mannequin) near3 (\$4speak\$3 transducer\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:26
S60	18	"381"/\$.ccls. and ((dummy adj2 head) KEMAR mannequin) near3 (sound adj3 source)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:27

S61	2196	((381/1,17,300,307,19).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:52
S62	170	S61 and (dummy adj3 head)(mannequin) with (transducer \$4speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:50
S63	37	S61 and ((dummy adj3 head)(mannequin)) with (transducer \$4speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:52
S64	2429	((381/1,17,300,307,19,309,310).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:52
S65	42	S64 and ((dummy adj3 head)(mannequin)) with (transducer \$4speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:54
S66	1910	((381/55-59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:56
S67	4	S66 and ((dummy adj3 head)(mannequin)) with (transducer \$4speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/20 17:55
S68	250	((381/60).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/21 11:45
S69	5	S68 and (dummy adj2 (head mannequin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/21 11:45
S70	686	((381/26,74).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/26 10:20
S71	1072	((702/108-112).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/26 09:59
S72	58	S70 and (dummy) near2 (head mannequin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/26 10:14
S73	0	S71 and (dummy) near2 (head mannequin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/26 10:14
S74	0	DE-2716345-\$.did.	USPAT; USOCR; FPRS; EPO	OR	OFF	2007/11/26 10:21

S75	1	DE-2716345-\$.did.	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/26 10:21
S76	2866	(381/17,1,26,96,300,307,309).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/26 11:19
S77	13	S76 and (vibrat\$6 near2 sensor\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/26 12:57
S78	2	geiger.in. and (acoustic\$2 same transfer same impedance) and orifice	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/06/23 10:54
S79	19	"381"/\$.ccls. and \$4speaker near10 (torso neck) near10 (dummy head KEMAR mannequin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/06/23 13:20
S80	323	(381/57).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/06/23 13:20
S81	639	(381/56).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/06/23 13:20
S82	410	(381/59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/06/23 13:20
S83	2667	(381/17,1,26,96,300).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/06/23 13:20
S84	2	"381"/\$.ccls. and ((dummy adj2 head) KEMAR mannequin) near10 (orifice opening port) near10 ear\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/07/06 16:06
S85	2055	(381/55-59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/11/03 16:44
S86	745	(381/26,74).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/11/03 16:45
S87	2731	(381/17,1,26,96,300).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/11/03 16:45
S88	1202	(702/108-112).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/11/03 16:45

S89	283	(381/60).CCLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/11/03 16:45
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